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Listings of claims:

1.   (Cancelled)

2.   (Currently Amended) ~~The method of Claim 1 further including:~~ A method for initializing a customer premises telecommunications hub having a link to a central office comprising:

          a) upon power up of the hub, sending a DHCP request to a central office DHCP server,

          b) sending a configuration file name, a domain name of a configuration file server and an IP address of a domain name server from the central office DHCP server to the hub,

          c) sending a request for an IP address of a configuration file server from the hub to the domain name server,

          d) sending the IP address of a configuration file server from the domain name server to the hub,

          e) sending a request for the configuration file from the hub to the configuration file server,

          f) sending the configuration file, including a control software file name, from the configuration file server to the hub.

          g)   parsing the configuration file in the hub;

          h)   sending a request for the ~~binary-code~~ control software from the hub to the configuration file server,

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i)   sending the ~~binary-code~~ <u>control software</u> from the configuration file server to the hub, and

i)   storing the ~~binary code~~ <u>control software</u> in memory in the hub.

3.   (Original)   The method according to Claim 2, further including:

restarting the CPU in the hub.

4.   (Currently Amended) The method according to Claim 3 further including

sending a request for the configuration file from the hub to the configuration file server,

sending the configuration file, including a <u>control software</u> ~~binary-code~~ file name, from the configuration file server to the hub, and

parsing the configuration file in the hub.

5.   (Currently Amended) The method of Claim ~~1~~ <u>2</u> further including;

in step b), sending a domain name which refers to a plurality of configuration file servers and IP addresses of a plurality of domain name servers.

6.   (Original)   The method of Claim 5 further including;

in step c), if the request of a first domain name server fails, resending the request to the first domain name server for a preselected number of retry attempts, and, if all such retry attempts fail, sending the request to a second of said plurality of domain name servers.

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7.   (Original)   The method of Claim 5, further including:

in step c), sending a request for the IP addresses of the plurality of configuration file

servers.

8.   (Original)   The method of Claim 7, further including:

in step e), if the request to a first configuration file server fails, resending the request to

the first configuration file server for a preselected number of retry attempts, and, if all such retry

attempts fail, sending the request to a second of said plurality of configuration file servers.

9.   (Currently Amended)   A method for providing configuration files and ~~binary~~

~~code~~ control software to a customer premises telecommunications hub having a link to a central

office comprising:

a) upon power up of the hub, sending a DHCP request to a central office DHCP server;

b) sending a configuration file name, a domain name of a configuration file server and an

IP address of a domain name server from the central office DHCP server to the hub;

c) sending a request for an IP address of a configuration file server from the hub to the

domain name server,

d) sending the IP address of a configuration file server from the domain name server to

the hub,

e) sending a request for the configuration file from the hub to the configuration file

server,

f) sending the configuration file, including a control software ~~binary code~~ file name,

from the configuration file server to the hub,

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g) parsing the configuration file in the hub;

h) sending a request for the <u>control software</u> ~~binary code~~ from the hub to the

configuration file server,

i) sending the <u>control software</u> ~~binary code~~ from the configuration file server to the

hub, and

j) storing the <u>control software</u> ~~binary code~~ in memory in the hub.

10.   (Currently Amended) A method according to Claim 9, further including:

restarting the CPU in the hub,

sending a request for the configuration file from the hub to the configuration file server,

sending the configuration file, including a <u>control software</u> ~~binary code~~ file name, from

the configuration file server to the hub, and

parsing the configuration file in the hub.

11.   (Original)   The method of Claim 9 further including;

in step b), sending a domain name referring to a plurality of configuration file servers and

IP addresses of a plurality of domain name servers.

12.   (Original)   The method of Claim 11 further including;

in step c), if the request to a first domain name server fails, resending the request to the

first domain name server for a preselected number of retry attempts, and, if all such retry

attempts fail, sending the request to a second of said plurality of domain name servers.

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13. (Original) The method of Claim 11, further including:

in step c), sending a request for the IP addresses of the plurality of configuration file servers.

14. (Original) The method of Claim 13, further including:

in step e), if the request to a first configuration file server fails, resending the request to the first configuration file server for a preselected number of retry attempts, and, if all such retry attempts fail, sending the request to a second of said plurality of configuration file servers.

15. (Cancelled)

16. (Currently Amended) ~~The system of Claim 15 further including;~~ A system for initializing a customer premises telecommunications hub having a link to a central office comprising:

a DHCP server in the central office,

a configuration and control software server accessible over the Internet,

means in the hub for detecting system power up and sending to the DHCP server in the central office a DHCP request for a configuration file name, a domain name of the configuration and control software server and an Internet address for a domain name server,

means in the hub for requesting the configuration file from the configuration and control software server,

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means for reading a **control software** ~~binary-code~~ file name from the configuration file,

comparing it to the name of a **control software** ~~binary-code~~ file in the processor memory, and,

if the names are different, for requesting a **control software** ~~binary~~ file from the configuration

and **control software** ~~binary~~ file server.

17.   (Cancelled)

18.   (Currently Amended) ~~The hub of Claim 17 further including;~~ **A customer premises**

telecommunications hub comprising:

     means for detecting system power up and sending to a server in a central office a

DHCP request for a configuration file name, a domain name for a configuration and

control software server and an Internet address for a domain name server, and

     means for requesting the configuration file from the configuration and control

software server,

     means for reading a **control software** ~~binary-code~~ file name from the configuration file,

comparing it to the name of a **control software** ~~binary-code~~ file in the hub and, if the names are

different, for requesting a **control software** ~~binary~~ file from the configuration and control

software ~~binary~~ file server.

19.   (Currently Amended) The hub of Claim 18 further including;

     means for storing a **control software** ~~binary~~ file in the hub and for resetting the hub.